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STASYUK, Valentin Nikolayevich, kand. tekhn. nauk; SMIRNOV, A.A., otv. red.; LYUBIMOV, N.G., red.izd-va; PROZOROVSKAYA, V.L., tekhn. red.; MAKSIMOVA, V.V., tekhn. red.

[Electric locomotive transportation in open-pit mines] Elektrovoznyi transport na kar'erakh. Moskva, Gosgortekhizdat, 1963. 287 p. (MIRA 16:7)

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ANDREYEV, Aleksey Vladimirovich, doktor tekhn. nauk; ANCHAROV, Il'ya Leonidovich, inzh.; KUDINOV, Georgiy Pavlovich; SMIRNOV, A.A., retsenzent; LYUBIMOV, H.G., red. izd-va; MINSKER, L.I., tekhn. red.; IL'INSKAYA, G.M., tekhn. red.

[Automatic control of open-pit mine transportation] Avtomatizatsiia kar'ernogo transporta. Moskva, Gosgortekhizdat, 1963. 253 p. (MIRA 16:10) (Strip mining-Equipment and supplies)

Strip mining—Equipment and supplies)
(Mine haulage) (Automatic control)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510011-0"

BROVEC, Aleksor tetrovich, Valentini, this, estember, RROPACHEV, V.Te., retembert; PASTUREGI, N.V., retember, RROPACHEV, V.I., retembert; PASTUREGI, N.V., retembert; PASTUREGI, P.V., retembert; PASTUREGI, P.V., retembert; RODBW, A.M., retembert; RROPEWSKIY, Ye.A., retembert; RAIRICV, A.A., inc., retembert

[Contact networks in strip mines] Rontaktmaia set' na kar'eraku. Moskva, Nedra, 1961. 207 p. (MIRA 18-2)

1. Inwhenerne-takhnicheskiye raboiniki Korkinskoge tresta ugolinyku predpriyatiy (for all except Brovko).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510011-0"

SMIRNOV, A. A., zasluzhennyy vrach RSFSR.

"Sulfanilamides and antibiotics in eye diseases." T.N. Gerasimenko.
Reviewed by A. A. Smirnov. Sov. med. 19 no.11:90-91 % '55.(MIRA 9:1)

(ATT = DISEASES AND DEFECTS)

(ATT = INTO TOS)

(SULFANILAMIDES)

(GERAS IMENICO, T. M.)

SMIRNOV, A.A., zasluzhennyy vrach (Ul'yanovsk)

E.V.Adamiuk and his merits in the field of ophthalmology in Russia.

Sov.med, 21 no.5:143-147 My '57.

(ADAMIUK, EMELIAN VAIENTINOVICH, 1839-1906)

(ADAMIUK, EMELIAN VAIENTINOVICH, 1839-1906)

SMIRNOV, A.A., zasluzhennyy vrach RSFSR (Ul'yanovsk)

Cupping of incipient stys. Sov.med. 26 no.6:134 '62.

(MIRA 15:11)

(EYELIDS-DISEASES)

SMIRNOV, A.A.

Automatic regulator of the density of the impregnation solution for match sticks. Der.prom. 11 no.2:13-14 F '62. (MIRA 15:1)

 Leningradskaya lesotekhnicheskaya akademiya im. S.M.kirova. (Match industry--Equipment and supplies)

SMIRNOV, A.A., inzhener; YUKALOV, I.N., inzhener; FANBULOV, A.K., kandidat teknicheskikh nauk.

Compressor and instrument parts casting in shell molds. Lit.proisv. no.7:8-10 J1 '56. (MLRA 9:9) (Shell melding (Founding))

SMIRNOV, A.A., inzh.; YUKAIOV, I.N., inzh.; FAMBUIOV, A.K., kand.
tekhn.nauk

Shell molding of compressor and apparatus parts. Shor.st.
NIIKHIMMASH no.23:38-46 '57. (MIRA 12:5)

(Shell molding (Founding))

New Trends in Machinery Manufacture

**807/3109** 

了一点,不可能是一个,只是不够的,就是有可能的,就是一个人,但是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是

COVERAGE: This is the first number of the Transactions of VNIIMASH (formerly VNIIMASH) on the theoretical and experimental work carried out by the All-Union Scientific Research Institute for Standardization of Machine Building in 1956-57. Subjects covered include investigations of new constructions and advanced methods in manufacturing machine parts for general machine building, hydraulic machinery, textile, sewing and other machines. The ten papers in this issue describe improvements in preparatory technique for making steel and iron castings, the progressive technique of making blanks for spinning rings by the closed die forging method, improvements in making parts for textile machines, sand and mud pumps and other machinery. Problems of automation in mass production of needles for sewing machines are discussed and the theory of deformation of rings with large curvature is presented. No personalities are mentioned. References accompany each article.

TABLE OF CONTENTS:

Preface

3

Smirnov, A.A., Engineer, and V.N. Smyslenov, Engineer. Chemically Hardening Mixtures for Steel and Iron Castings Production of CO<sub>2</sub> and the CO<sub>2</sub> process are described.

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Card 2/4

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New Trends in Machinery Mamufacture	<b>sov</b> /3109	
Futoryan, S.B., Candidate of Technical Sciences. Pro Wear-resistant Alloys Used in Sand and Mud Pumps	ocessing	
Abel, V.V., Candidate of Technical Sciences, and A.V. Engineer. On Problem of Deformation of Rings With La	Voronin, arge Curvature 197	
Sidorov, I.A., Engineer, and V.T. Chirikov, Candidate Sciences. Heat Treatment of Riffled Cylinders	e of Technical	
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SOV/128-59-9-4/25 18(5)

AUTHOR: Smirnov A.A. and Bobysheva I.V., Engineers

Two-layer Shell Moulds for Iron Castings TITLE:

Liteynoye proizvodstvo, 1959, Nr 9, pp 14-15 (USSR) PERIODICAL:

Application of processes which enable manufacturing ABSTRACT: of castings with highly precise and clean surface,

by using shell moulds made of thermo-reactive rosins, is limited owing to the high cost of materials involved (rosins, bakelite). To meet the problem of cost reduction, the Institute VNIINMASh (VNIITMASh) worked out, in 1957-1959, a technological process

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of preparing two-layer moulds, where thermo-reactive rosins are combined with liquid glass and other chemically hardening materials. According to this method, the moulds are prepared of two layers - a thin one consisting of a mixture of sand and rosin (facing layer), and a thicker one made on the basis

of liquid glass (consolidating layer). The requirements presented to two-layer shell moulds imply a number of physico-mechanical properties of layers

entering as components in the moulds construction,

such as their strength, heat-stability, gas-permeabi-Card 1/3

SOV/128-59-9-4/25

Two-Layer Shell Moulds for Iron Castings

The strength values of the layers conlity, etc. taining 2 to 8% of powdered bakelite or liquid glass are given in Figure :. A number of researchers (A.M. Lyass, L. Petrzhela and others) have determined that the strength of mixtures with different contents of liquid glass increases with the temperature rise, at taining its climax at 500° - 600°C, while the strength of thermo-reactive rosins falls, as their temperature is increased (research of O.V. Kolacheva, 3. Vaters and others). The property of gas-permeability of double-layer shell moulds secures obtaining of highquality castings. It has been experimentally established that the thickness of sand-rosin layers should vary from 1.5 to 6 mm, while that of the mixture with liquid glass should amount to 20-50 mm, both depending on the weight of the casting to be mouided. Pertinent figures are given on Page 15. The following is the mixture composition used for the preparation of doublelayer shell moulds: 1) sand-rosin layer - 94 to 95% fine quartz sand, 5-6% powdered bakelite, and 0.20 - 0.35% paraffin-oil; 2) liquid glass layer - 100% of

Card 2/3

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Two-Layer Shell Moulds for Iron Castings

SOV/128-59-9-4/25

coarse quartz sand and 6-7% (over 100%) of liquid glass. The manufacturing cost of castings had been, with the application of two-layer shell moulds, reduced by 8-9%, as compared with their cost when common methods of production were used; the labor applied was also nearly 2 times reduced. As a result, the total cost of castings was decreased by not less than 12% of its original value. There are 1 graph, 2 tables and 3 photographs.

Card 3/3

SMIRNOV, A. A.

Technology

Repair of thermotechnical control and measuring instruments. Moskva-Leningrad, Gostoptekhizdat, 1950.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 XXX, Uncl.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 599 - I

BOOK

Author: SMIRNOV, A. A.

Full Title: MAINTENANCE AND REPAIR OF HEAT CONTROL AND MEASURING

INSTRUMENTS. Manual. 2nd 'ed., rev. and supp.

Transliterated Title: Remont teplotekhnicheskikh kontrolinoizmeritelinykh priborov. Prakticheskoye

rukovodstvo. Vtor. perer. i dopol. izd.

call No.: AF645853

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of

Petroleum and Mineral Fuel Literature (GOSTOPTEKHIZDAT)

Date: 1952 No. pp.: 478 No. of copies: 16,500

Editorial Staff

Editor: Gordov, A. N. Tech. Editor: Sokolova, E. V.

FURPOSE: A manual for maintenance and repair crews at power places and industrial establishments, a handbook for engineering and technical personnel in all industries and a textbook in tekhnikums and industrial training schools.

TEXT DATA

Coverage: This is the second edition of what the author calls the first attempt to write a practical manual for maintenance and repair

1/2

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510011-0"

SMIRNOV, Aleksey Aleksandrovich; TROSHCHENKOV, I.I., redaktor; DOIMATOV, P.S., vedushchiy redaktor; GENNAD'YEVA, I.M., tekhn. redaktor.

[Repair of heat regulators; a practical reference manual] Remont reguliatorov teplovykh protsessov; spravochnoe prakticheskoe rukovodstvo. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gornotoplivnoi lit-ry, 1957. 654 p. (MIRA 10:12)

(Thermostat--Maintenance and repair) (Automatic control)

(Heat)

KUDRYASHEV, L. I.; SMIRHOV, A. A.

"Estimation of influence of thermal unsteady state on convective heat-transfer coefficient for spherical bodies in flow at small Reynolds numbers."

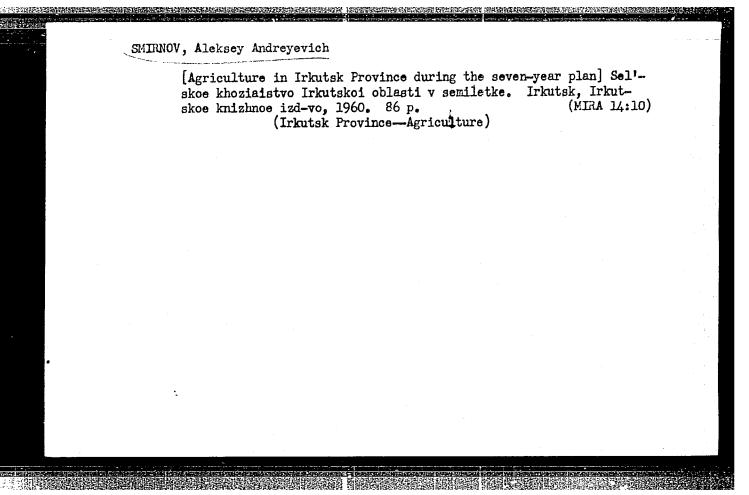
report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Kubybyshev Aviation Inst.

GAVRILOV, Mikhail Konstantinovich; SMIRNOV, Aleksey Andreyevich; STEPICHEV,
Ivan Stepanovich; FRIDMAN, V.G., red.; SCROKINA, T.T., tekhn.red.

[Agriculture in Irkutsk Province during the past 40 years]
Sel'skoe khozlaistvo Irkutskoi oblasti za 40 let. [Irkutsk]
Irkutskoe knizhnoe izd-vo, 1957. 120 p. (MIRA 11:4)

(Irkutsk Province--Agriculture)



SMIRNOV, A.A.; VISHNYAKOVA, Ye.A., red.; MATVEYEV, A.P., tekhn.red.

[Siberian virgin land] Sibirekaia tselina. Moskva, Izd-vo
"Sovetskaia Rossiia," 1959. 186 p. (MIRA 13:6)

(Siberia)

Some problems of the hydrodynamics of a suspended layer. Sbornauch. trud. Kuib. indus. inst. no.8:111-121 '59. (MIRA 14:7)

32270

10.3100 26.2181 S/612/59/000/008/010/016 D218/D304

AUTHOR:

Smirnov, A. A., Acting Docent

TITLE:

On applying the gas-dynamic theory of heat transfer to

flow past bodies with separation

SOURCE:

Kuybyshev. Industrial'nyy institut. Sbornik nauchnykh trudov, no. 8, 1959. Teplotekhnika; voprosy teorii ra-

scheta i proyektirovaniya, 123-130

TEXT: The author is concerned with the high speed flow of a liquid past a symmetric body, with heat transfer occurring between the body and the liquid. The analysis is confined to the two-dimensional case. It is pointed out that the effect of separation is accompanied by an irreversible transformation of mechanical energy, giving rise to the appearance of the total hydrodynamic resistance. The latter can be divided into two terms, namely, frictional resistance and pressure resistance. The hydrodynamic theory of heat transfer is then inapplicable to the pressure resistance. However, if the pressure in the wake is taken into account, then the theory Card 1/2

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On applying the gas-dynamic ...

32270 S/612/59/000/008/010/016 D218/D304

can be generalized to the case of flow with separation by introducing a certain correction into the appropriate formula which takes into account the contribution due to pressure resistance in the total resistance of the body. The author derives a generalized formula of gas-dynamic heat transfer and a transcendental equation for the correction coefficient  $K_{\infty}^{**}$ , occurring there in terms of the dynamic and thermal characteristics of the wake at points distant from the body. The equation can be used for experimentally determining the coefficient. There are 5 Soviet-bloc references.

Card 2/2

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24.5200

AUTHORS:

Kudryashev, L. I., Smirnov, A. A.

TITLE:

The effect of unsteady heat transfer on the coefficient of heat transfer between a streamed-at solid and the flow

PERIODICAL:

Inzhenerno-fizicheskiy zhurnal, v. 4, no. 10, 1961, 21 - 29

TEXT: An infinitely long cylinder standing in the z direction is assumed to be subjected to an external cooling flow in the x direction. At the instant T=0 the cylinder is supposed to be immersed infinitely fast into the flow. An unsteady heat transfer between cylinder and liquid begins at this moment. The authors base their theoretical investigations on the general flow equations and on the law of the increase of the turbulence

 $L = \sqrt{2\pi y}t$  which was established by Academician L. I. Sedov (Metody podobiya razmernosti v mekhanike, 1954). The heat transfer coefficient is found to be  $2\sqrt{\pi c}t_{--}$ 

 $\alpha = \frac{2\sqrt{\pi c}}{\pi} \frac{t_{1\text{max}}}{\vartheta_{w}} c_{po} \vartheta_{o} \vee \sqrt{\gamma \tau + \frac{x}{w_{o}} \gamma}$  (23),

where  $t_{\text{1max}}$  denotes the maximum temperature in the middle of the wake Card 1/5

5/170/61/004/010/004/019

The effect of unsteady ...

(y = 0),  $c_{po}$  and  $\gamma_0$  are the values of  $c_p$  and  $\gamma$  in the undisturbed flow,  $W_{o}$  is the undisturbed flow rate,  $c = W_{x1max}x/bW_{o}$ ,  $W_{x1max}$  indicates the maximum velocity in the middle of the wake, and b is the breadth of the wake. For Pr = 1, Eq. (23) goes over into

 $Nu^{2} = \frac{4c}{\pi} \left( \frac{t_{1max}}{v_{w}} \right)^{2} FoRe^{2} + \frac{4c}{\pi} \left( \frac{t_{1max}}{v_{w}} \right)^{2} \frac{x}{d} Re$ 

Since  $(t_{1max}/\vartheta_w)^2 x/d = \varphi_1(Re)$  and  $(t_{1max}/\vartheta_w)^2 = \varphi_2(Fo,Re)$ , one obtains from Eq. (24)  $Nu^2/Nu_{st}^2 = 1 + c/Fo^nRe^m$  (27), which is particularly convenient for experimental investigations. These investigations were carried out as follows: A 36 mm thick and 192 mm long duraluminium cylinder was heated to 180°C, and was then placed into an air stream. Temperature was measured by means of thermocouples. Fig. 1 shows the change of the cooling rate (1/sec) as a function of time (sec). Nu<sup>2</sup>/Nu<sup>2</sup><sub>st</sub> versus FoRe<sup>0.7</sup> is rendered in Fig. 3. Nu<sup>2</sup>/Nu<sup>2</sup><sub>st</sub> = 1 + 3.6/(FoRe<sup>0.7</sup>)<sup>0.55</sup> is obtained for  $0 < FoRe^{0.7} < 23$  and Nu<sup>2</sup>/Nu<sup>2</sup><sub>st</sub> = 1 +  $282(FoRe^{0.7})^2$  for  $23 < FoRe^{0.7} < 70$ .

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The effect of unsteady...

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These results are in good agreement with the calculated values. Mention is made of B. D. Katsnel'son and F. A. Timofevers ("Teploperedacha i aerogidrodinamika", kniga 12, vyp. 3, Mashtiz, 1949; "Kotloturbostroyeniye" no. 5, 1948), and of Ye. M. Minskiy ("Izv. AN SSSR", 28, no. 8, 1940). There are 4 figures and 10 references: 9 Soviet and 1 non-Soviet.

ASSOCIATION: Aviatsionnyy institut, g. Kuybyshev (Aviation Institute, Kuybyshev)

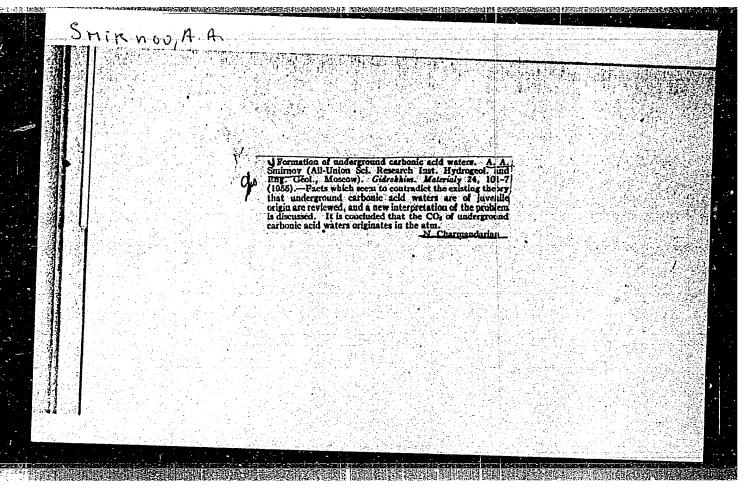
SUBMITTED: April 28, 1961

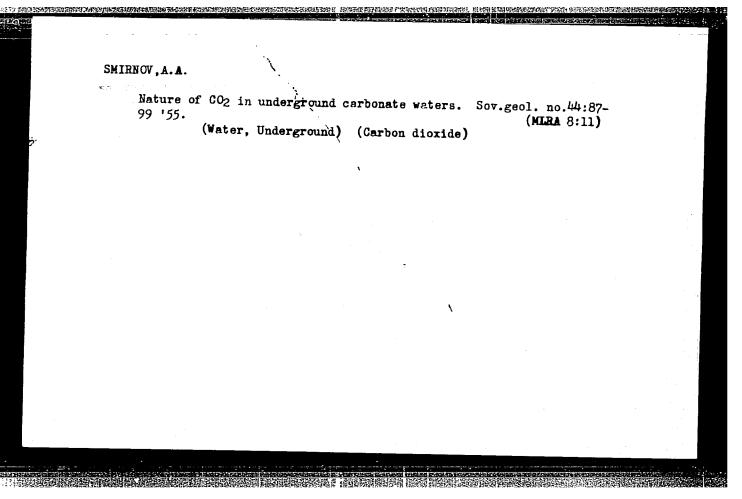
Card 3/5

1.	SMIRNOV.	A.A.

- 2. USSR (600)
- 4. Water, Undeground
- 7. Establishment of actual processes of the formation of carbonic acids of subterranean water and the significance of the established phenomena in perceiving of source of ore formations. Biul.MOIP. Otd.geol. 27, no.4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.





SMIRHOV. A.A.; SHCHERBAKOV, A.V.; SKVORTSOV, V.P., red.; BORISOV, A.S., tekhn.red.

[Practical instructions for the interpretation and verification of radiohydrogeological anomalies in prospecting for uranium deposits] Metodicheskie ukazaniia po interpretatsii i proverke radiogidrogeologicheskikh anomalii s tsel!iu poiskov uranovykh mestororhdenii, Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. 1957. 33 p. (MIRA 11:6) (Uranium) (Prospecting-Geophysical methods)

SMILNOV, A.A.

Genesis of CO, in modern carbonate underground waters. Sov. geol.
1 no.1:150-153 Ja '58. (MIRA 11:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut-gidrogeologii 1
inzhenernoy geologii. (Water, Underground) (Carbon dioxide)

SMIRNOV, A.A.

Investigating channel infiltration capacity in solving hydrogeological problems [with summary in English]. Sov. geol. 1 no.3:95-105 Mr (MIRA 11:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova. (Water, Underground)

# Using the natural electric field method in the region of the Kungur ice cave. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 13 no.2:195-200 '58. (MIRA 11:9) 1. Moskovskiy gos. universitet, Kafedra geofiziki. (Kungur region--Karst) (Geophysical research)

SMIRNOV, A. A.: Master Geolog-Mineralog Sci (diss) -- "A study of filtration potentials in order to solve some hydrogeological problems". Moscow, 1959. 12 pp (Min Higher Educ USSR, Moscow Order of Lenin and Order of Labor Red Banner State U im M. V. Lomonosov, Geol Faculty), 110 copies (KL, No 18, 1959, 182)

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AUTHORS:

Frolov, A. D. and Smirnov, A. A.

TITLE:

Some results of studying ultrasound propagation in

rock specimens

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 6, 1962, 7, abstract 6A33 (V sb. Merzlotn. issled., no. 1, M., MGU,

1961, 236-254)

TEXT: The measurements were made by means of the ultrasonic device  $\gamma \Pi^{-1}$  (UP-4), designed on the basis of the NKJ-5 (IKL-5) apparatus. The UP-4 device is an electron-acoustic appliance, allowing the passage of an elastic impulse through a rock specimen to be measured in a wide time range. The time is determined by means of reading marks on the cathode-ray tube's scale. There are three time-measurement bands, covering an interval from 0 to 16,000 asec. The circuit provides for a certain main-pulsing time lag in relation to the moment when scanning is started. An additional lag which can be smoothly controlled within the single interval between the main

Card 1/3

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APPROVED FOR RELEASE: 08/25/2000

Some results of studying ...

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time marks on each band, is created by means of a special potentiometer. A time interpolation accuracy of 0.05-the value of the interval on each band is achieved as a result. The specimens were prepared from the core of holes, drilled near the Yakovlev KMA deposit; the specimens were paraffinized in order to preserve their natural moisture. After preparation, the specimens were subjected to freezing in a special refrigerating plant at a temperature of -50°C for 6 - 7 hours. The values of the propagational speeds of ultrasound and of the elasticity modulus for clays, sands, their interstratification, and sandstone were determined as a result of the executed tests. It is established how these magnitudes change in relation to the temperature in the range from -20 to  $+20^{\circ}$ C, the freezing conditions, and the moisture. In the temperature range from -2 to +2°C there is an extremely sharp change in the acoustic characteristics of argillo-arenaceous rocks. The values of the propagational speeds of ultrasound in the studied rocks vary from 1500 to 3100 m/sec. The jump in the change of the propagation velocity of ultrasound reaches 300 - 500% for sands and 20 - 30% for clays. Subsequently it will be expedient to continue the re-Card 2/5

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Some results of studying ...

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search with the aim of ascertaining the absorption factor on different frequencies and in different lithologic rock types. It will be necessary, too, to study the conditions of the propagation and the possible recording of not only longitudinal but also transverse and other waves. Abstracter's note: Complete translation.

ZAYTSEV, G.N.; POGOREL'SKIY, N.S.; SMIRNOV, A.A.; FOMIN, V.M.; SHAGOYANTS, S.A.

New data on carbonated underground waters in the region of Caucasian Mineral Waters. Sov. geol. 4 no.1:89-97 Ja '61. (MIRA 14:1)

l. Ministerstvo geologii i okhrany nedr SSSR, Vsesoyuznyy nauchnoissledovatel skiy institut gidrogeologii i inzhenernoy geologii, Glavgeologiya RSFSR i Severo-Kavkazskoye geologicheskoye upravleniye. (Caucasus--Mineral waters)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510011-0"

SMIRNOV, A.A., red.; MUKHINA, T.N., tekhn. red.

[Summaries of papers to a conference on phychology] Soveshchanie popsikhologii. Tezisy dokladov. Moskva, I\*d-vo Akad. pedagog. nauk RSFSR, 1953. 67 p. (MIRA 14:8)

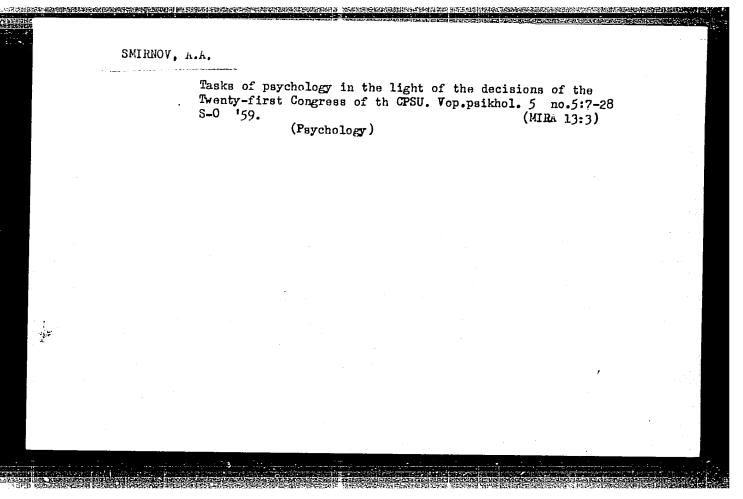
(EDUCATIONAL PSYCHOLOGY) (PERCEPTION) (NERVOUS SYSTEM)

ANAN'YEV, B.G., red.; KOSTYUK, G.S., red.; LEONT'YEV, A.N., red.; LURIYA, A.R., red.; MENCHINSKAYA, N.A., red.; RUBINSHTEYN, S.L., red.; SMIRNOV, A.A., red.; TEPLOV, B.M., red.; SHEMYAKIN, F.N., red.; ZHUKOV, I.V., red.; PONOMAREV, Ya.A., red.; MATYUSHKIN, A.M., red.; LAUT, V.G., tekhn.red.

[Psychology in the U.S.S.R.] Psikhologicheskaia nauka v SSSR. Moskva. Vol.1. 1959. 597 p. (MIRA 12:8)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii.

(Psychology)



ANAN'YEV, B.G., red.; KOSTYUK, G.S., red.; LEONT'YEV, A.N., red.; LURIYA, A.R., red.; MENCHINSKAYA, N.A., red.; RUBINSHTEYN, S.L., red.; [deceased]; SMIRNOV, A.A., red.; TEPLOV, B.M., red.; SHEMYAKIN, F.N., red.; PONOMARKV, Ya.A., red.; LAUT, V.G., tekhn.red.

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[Psychology in the U.S.S.R.] Psikhologicheskaia nauka v SSSR. Moskva. Vol.2. 1960. 653 p. (MIRA 14:1)

1. Akademiya pedagogicheskikh nauk RSFSR. Institut psikhologii. (Psychology)

SMIRNOV, A.A.

Leninist theory of reflection and psychology. Vop.psikhol.
6 no.2:10-34 Mr-ap '60. (MIRA 13:7)

1. Institut psikhologii APN RSFSR, Moskva.
(Lenin, Vladimir Il'ich, 1870-1924)
(Thought and thinking)

SZMIRNOV, A.A. [Smirnov, A.A.]

Psychological tasks as reflected in the decisions made at the 21st Congress of the Communist Party of the Soviet Union. Magy pszichol szemle 17 no.2:129-151 '60.

1. Szovjet Pszichologiai Tarsasag elnoke.

Psychological pro	oparation i	Por work, Vop.	psikhol. 7 no.	l:3-12 Ja-F '61.	
1. Institut psik	hologii Aka (W	idemii pedgagog Jork—Psycholog	icheskikh nauk ical aspects)	RSFSR, Moskva.	
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RUBINSHTEYN, S.L.; SOKOLOV, A.N.; LURIYA, A.R.; LEOHT'YEV, A.N.; SMIRHOV, A.A.; GONOBOLIN, F.N.; MENCHINSKAYA N.A.; ZHINKIN, N.I.; IGNAT'YEV, Ye.N.; EL'KONIN, D.B.; GJREVICH, K.M.; GUR'YANOV, Ye.V.; LEYTES, N.S.; KRUTETSKIY, V.A. Frinitali uchastiye: FOLYAKOV,G.I.; SHEMYAKIN, F.N.; TEPLOV, B.M., red.; VVEDENSKAYA, L.A., red.; DRANNIKOVA, M.S., tekhn. red.

[Psychology]Psikhologiia; uchebnik dlia pedagogicheskikh institutov. Pod red. A.A.Smirnova i dr. Izd.2. Moskva, Uchpedgiz, 1962. 558 p. 1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. In (MIRA 15:11) stitut psikhologii.

(PSY CHOLOGY)

KOSTYUK, G.S.; MENCHINSKAYA, N.A.; SMIRNOV, A.A.

Urgent tasks of schools and the problems of educational psychology. Vop. psikhol. 9 no.5:48-60 S-0'63. (MIF (MIRA 17:2)

- 1. Institut psikhologii, Kiyev (for Kostyuk).
  2. Institut psikhologii Akademii pedagogicheskikh nauk RSFSR, Moskva (for Menchinskaya, Smirnov).

KOSZTYUK, G.Sz. [Kostyuk, G.S.]; MENCSINSZKAJA, N.A. [Menchinskaya, N.A.]; SZMIRNOV; A.A. [Smirnov, A.A.]

Current tasks of the school and psychological problems of teaching. Magy pszichol szemle 21 no.3:359-371 164.

1. Institute of Psychology, Kiev (for Kosztyuk).

2. Institute of Psychology of the Academy of Educational Sciences of the R.S.F.S.R., Mo sow (for Mencinszkaja and Szmirney).

KREPA, TOLMA; MANUKYAN, K.G., PATRIKEYEVA, M.V.; SMIRNOV, A.A.; CHENYKAYEVA, YO.Yu.; CHIRKOVSKAYA, YO.V.

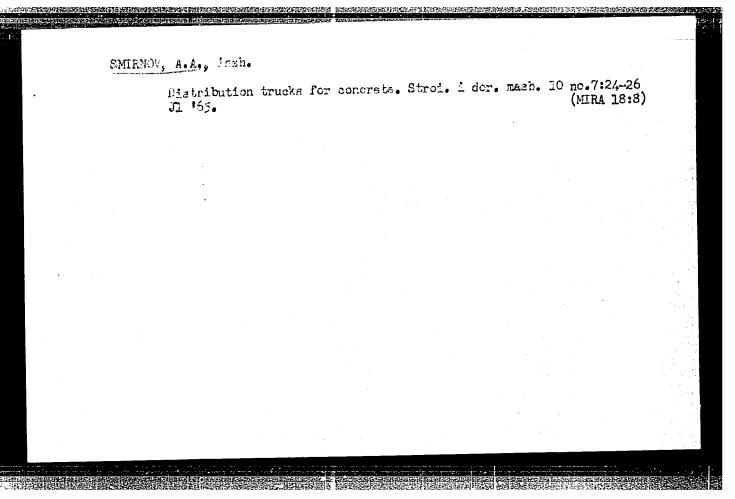
Phispositude of subsellular brain particles in chick embryogeny. Znur. evol. biokhim. i fiziol. 1 no.1:16-25 Ja-F '65.

(MIRA 18:6)

1. Institut evelyutsionnoy fiziologii i biokhimii im. I.M. Sechenova AN SSSR, Leningrad. 2. Glavnyy redaktor "Zhurnala evolyutsionnoy biokhimii i fiziologii" (for Kreps).

Effect of an electric field on the position of the optical absorption "edge" in polycrystalline CdS films. Fiz. tver. tela 7 no.8:2536-2538 Ag "65. (MHA 18:9)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510011-0"



Science, A. A. "The Aygurskiy merino steep sovkhoz, Stevropol'kray," Trudy Stavrop.

S.-kh. in-ta, Issue 3, 1040, p. 109-28

So: U-3566, 15 Narch 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

SMIRNOV, Aleksandr Arsen'yevich

SMIRNOV, Aleksandr Arsen'yevich (Stavropol' Agricultural Inst), Academic degree of Doctor of Agricultural Sciences, based on his defense, 16 December 1955, in the Council of the Moscow Veterinary Acad, of his dissertation entitled: "Alternate inter-breeding of fine-fleeced sheep."

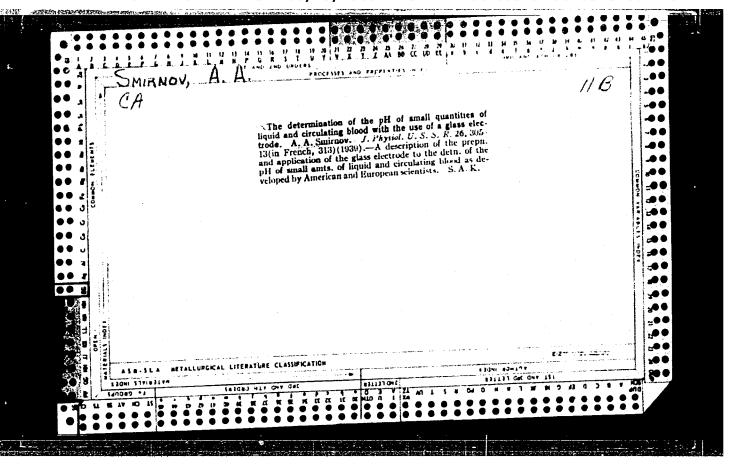
For the Academic Degree of Doctor of Sciences

Byulleten' Ministerstva Vysshego Obrazovaniya SSSR, List No. 7, 31 March 1956 Decision of Higher Certification Commission Concerning Academic Degrees and Titles.

JPRS 512

62782-55 CESSION NR: AP5020628	UR/0218/64/029/006/1111/1118
THOR: Kreps, Ye. M.; Manukyan, K. G enykayeva, Ye. Yu.; Chirkovakaya, Ye	.; Patrikeyeva, M. V.; Smirnov, A. A.; V.
TLE: Phospholipids of the subcellul	ar particles of hen's brain
URCE: Biokhimiya, v. 29, no. 6, 196	4, 1111-1118
PIC TAGS: cell physiology, brain, c	ytology, experiment animal
uclei) of a hen's brain. Grown hens sed in the investigations. A hen's he blood vessels was reduced to fine plution of saccharose and ethylenedi he subcellular particles were isolat emperatures of + 2 to four degrees. ellular particles was determined by	of the White Leghorn variety were brain separated from the membrane and particles and homogenized with a amine tetraacetate for two minutes. ed by differential centrifuging at The phospholipid content in the sub-

A f	62782-65 CCESSION NR: AP50206 cound to be the larges content of phosphatidi mall concentrations of idilglycerol were for ceristic of the micros liria and nuclei. It is larger quantities of while the mitochondria and serinophosphatide	et component in a lethanol and pho of sphingomyelin, and. An absence somes, although i was established a shingomyelin and a contain larger.  Orig. art. he	phospha of phosph t is alw lso that lecithin quantiti s 1 figu	tidilino natidilg ays pres the mic than th es of et	sitol, and phospha lycerol is charactent in the mitocho crosomes contain the other fractions, hancaminophosphaticables.	n- de	
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SHIRNOV, A. A.

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USSR/Medicine - Brythrocytes Jan/Teb 1948 Chemistry - Zinc, Determination of

"Polarographic Method of Quantitative Determination of Zinc in the Erythrocytes of the Blood," A. A. Smirnov, Physiol Inst imeni I. P. Pavlov, Acad Sci USSR, 9 pp

"Biokhim" Vol XIII, No 1

Measurements of zinc content of erythrocytes permit estimation of amount of carbon anhydrase in animal blood. Margin of error in subject method for measurement was ± 2 - 3%. When two or three measurements are made this margin of error can be cut to ± 1 - 1.5%.

From 0.5 to 1 g of erythrocytes is necessary for the
measurements. Submitted 21 Jul 1947.

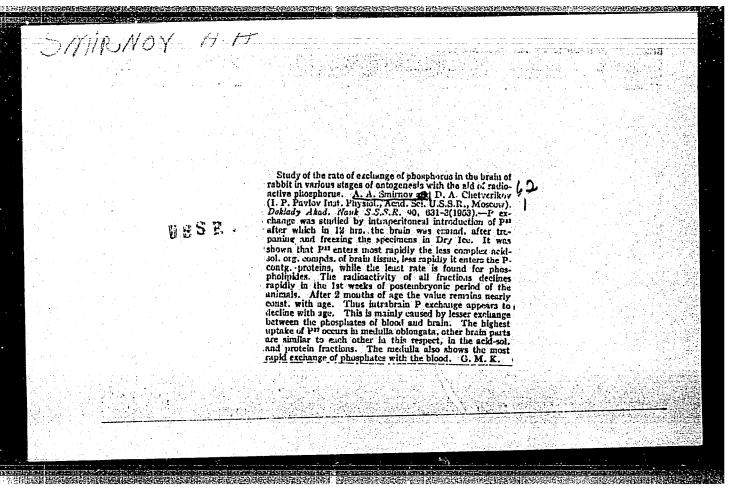
SMIRNOV, A.A.

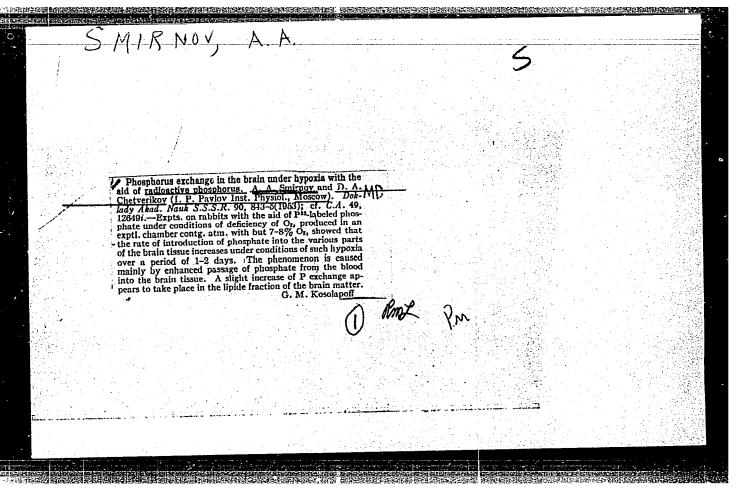
Characteristics of carbonic anhydrase in the blood of various classes of vertebrates. Biokhimiya 18,1-6 '53. (MLRA 6:1) (CA 47 no.16:8211 '53)

1. I.P.Pavlov Inst. Physiol., Acad. Sci. U.S.S.R., Leningrad.

- 1. SMTRNOV, A. A.
- 2. USSR (600)
- 4. Phosphorus
- 7. Method for measuring the activity of phosphorus isotope  $P^{32}$ . Biokhimiia 18 No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.





الله هديد	NU, A.A.
USSR/ Medicin	e - Central nervous system
Card 1/1	Pub. 86 - 3/36
Authors :	Smirnov, A. A., and Chetverikov, D. A.
Title :	Radioactive isotopes for the studying of the metabolism of the brain
n and add and a	Priroda 2, 23-29, Feb 1954
Periodical :	A brief review is presented for the purpose of acquainting the
Abstract 1	II - I - I - I - I - I - I - I - I
	the study of the metabolism of the central nervous system and to explain the possibilities the isotope method will open to researchers working on the chemistry of the brain.
Institution :	explain the possibilities the isotope method will spen to researchers working on the chemistry of the brain.
	explain the possibilities the isotope method will spen to researchers working on the chemistry of the brain.
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Submitted :	explain the possibilities the isotope method will spen to researchers working on the chemistry of the brain.
Submitted :	explain the possibilities the isotope method will open to researchers working on the chemistry of the brain.

SMIRNOY, A.A.

USSR/Medicine - Physiology

Card 1/1

Pub. 22 - 35/51

Authors

Smirnov, A. A.

Title

Phosphorus metabolism in the cerebral cortex of a dog during sleep and awaken state

Periodical

Dok. AN SSSR 101/5, 913-916, Apr 11, 1955

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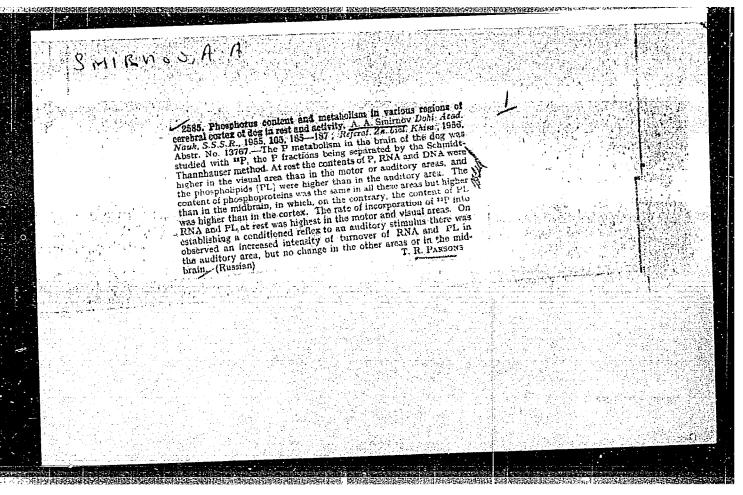
Experiments were conducted on dogs to compare the phosphorus metabolism in various zones of the cerebral cortex in the state of natural physiological sleep and the metabolic processes in the awaken state. The results obtained on eighteen adult canines are described. Eight references: 4 USSR, 3 USA and 1 English (1936-1954). Tables.

Institution

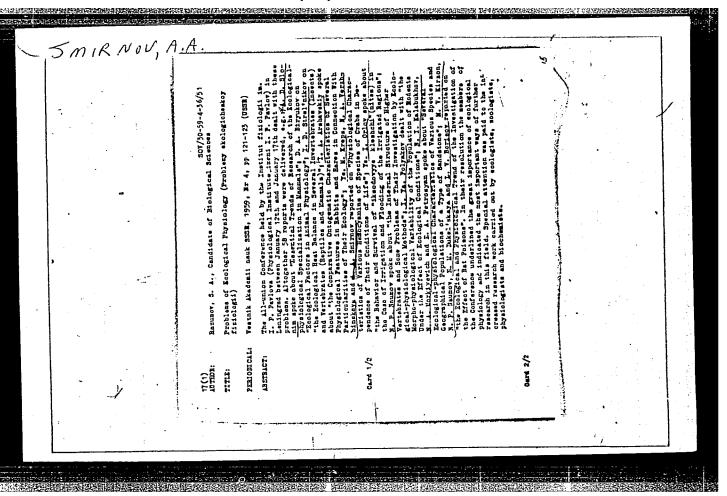
Acad. of Sc., USSR, The I. P. Pavlov Inst. of Physiol.

Presented by :

Academician K. M. Bykov, December 13, 1954



"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651510011-0



SHIRMOV, A.A.: CHIRMOVSKAYA, Ye.V., EMINIMAN, K.G.

Study of phospholipide in carious asyments of the rat brain using various methods of caper the machography. Fickhimuta 26 no. 6:1627-163 E.B. Tell.

1. Laboratory of Kurachemistry. Institute of Evolutionary Physiology, Academy of Sciences of the M.S.S.R., Leningrad. (EAST)

(PHOSPHATIDES)

(PATER CHROMATCHARIES)

SMIRNOV, A.A., kand.med.nauk

Influence of high temperatures and air humidity on the rate of overheating of the human body. Gig. i san. 26 no.10:16-19 0 '61. (MIRA 15:5)

(HEAT--PHYSIOLOGICAL EFFECT) (HUMIDITY--PHYSIOLOGICAL EFFECT)

(BODY TEMPERATURE--REGULATION)

KREPS, Ye.M.; MANUKYAN, K.G.; SMIRNOV, A.A.; CHIRKOVSKAYA, Ye.V.

Study of phospholipides of the nervous system in the evolutionary series of animals. Biokhimiia 28 no.6:978-986 N-D'63 (MIRA 17:1)

1. Laboratory of Neurochemistry, Institute of Evolutionary Physiology, Academy of Sciences of the U.S.S.R., Leningrad.

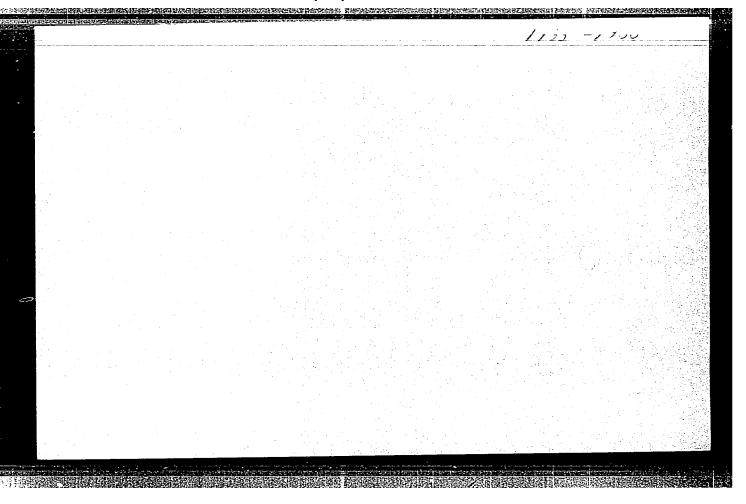
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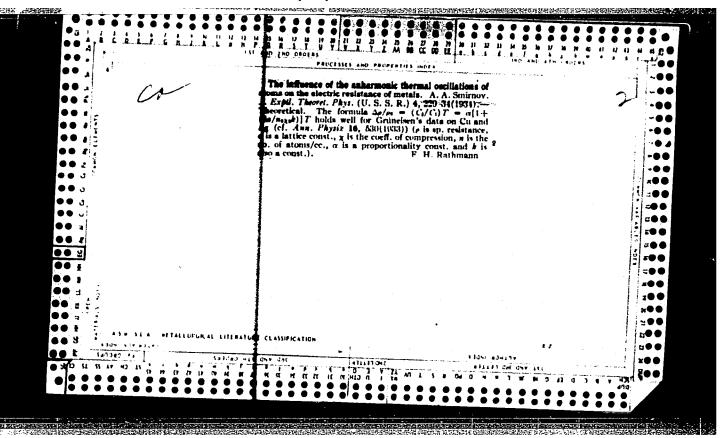
KREPS. Ye.M.; MANUKYAN, K.G.; PATRIKEYEVA, M.V.; SMIRNOV, A.A.; CHENYKAYEVA, Ye.Yu.; CHIRKOVSKAYA, Ye.V.

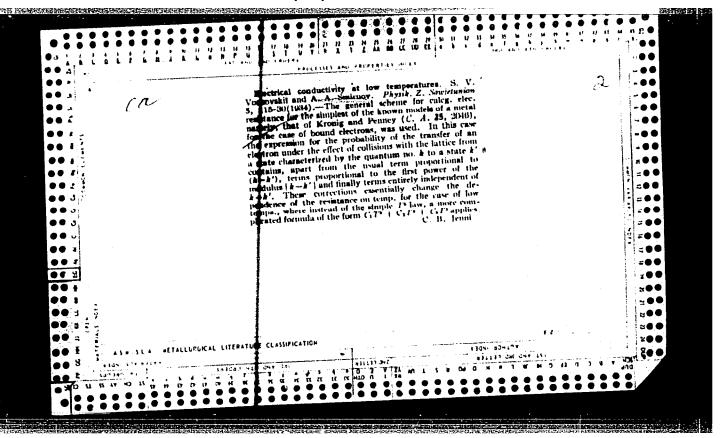
Phospholipides in subcellular particles of the chick brain. Biokhimiia 29 no.6:1111-1118 N-D 164.

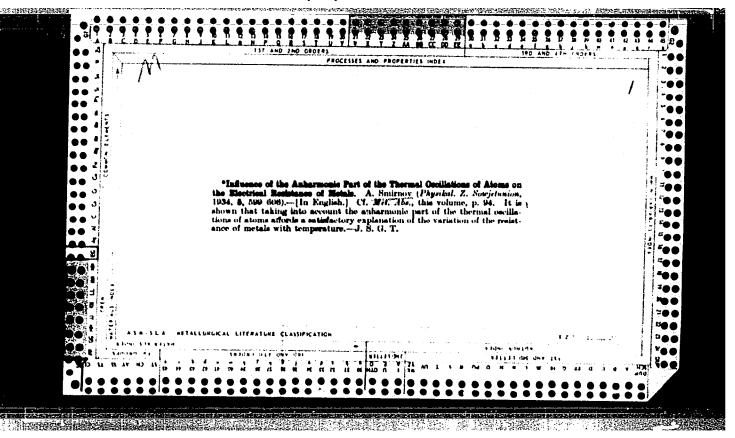
(MIRA 18:12)

1. Institut evolyutsionnoy fiziologii i biokhimii imeni I.M. Sechenova AN SSSR, Leningrad. Submitted April 23, 1964.





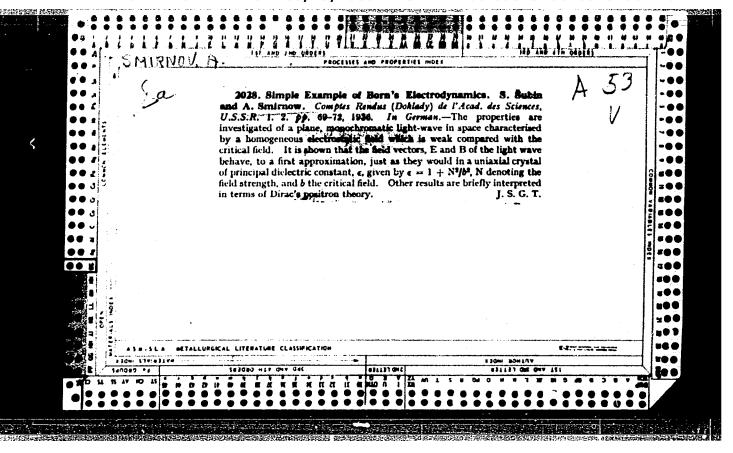


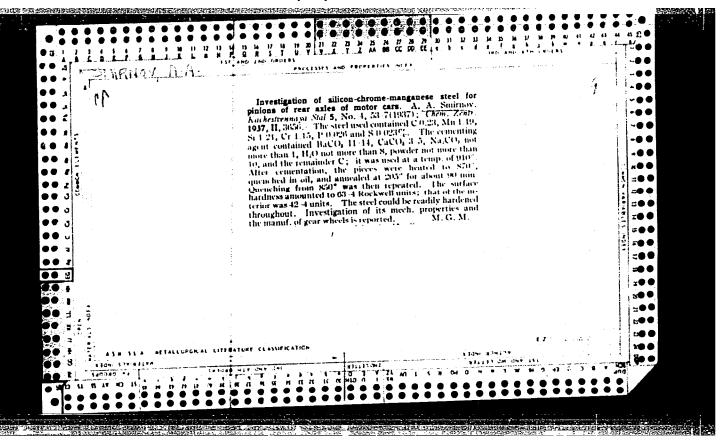


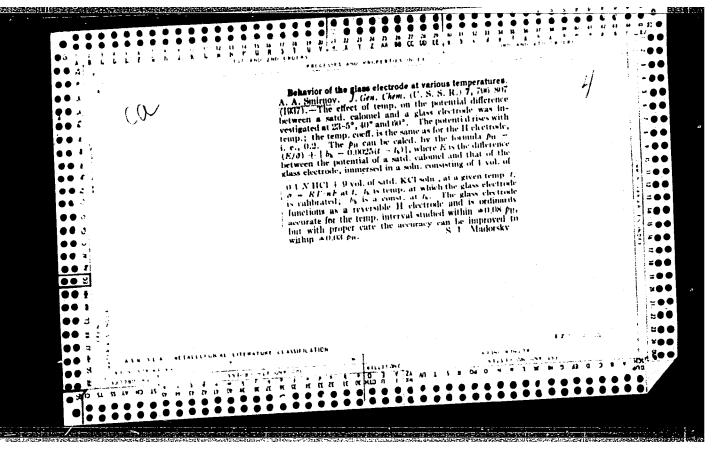
SMIRNOV, A. A.

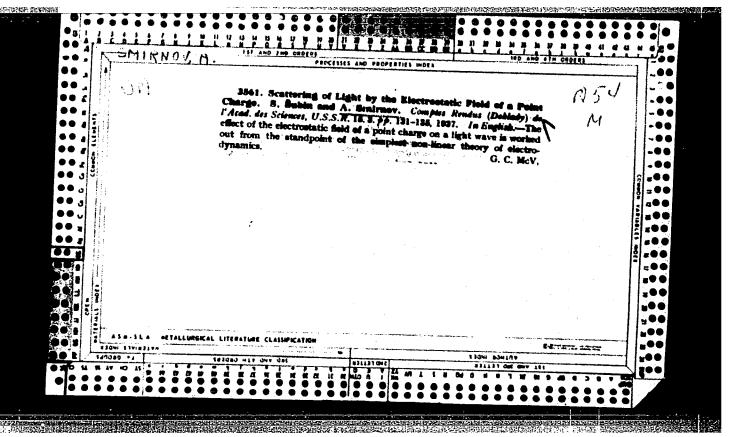
The Problem of Interaction between the Electron and Electromagnetic Radiation in Quantum Electrodynamics.

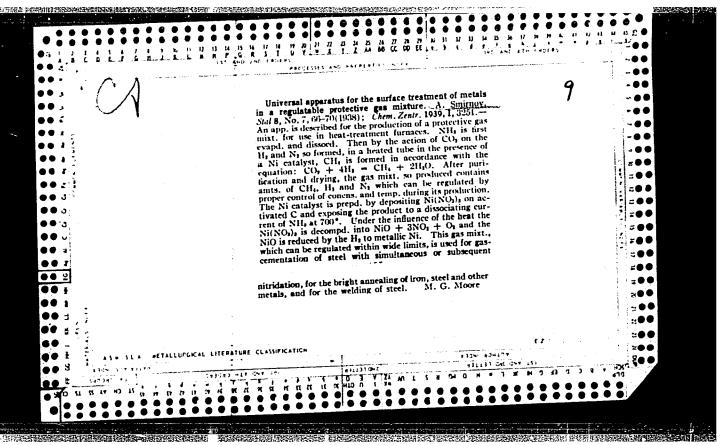
ZhETF 5, 687, 1935.

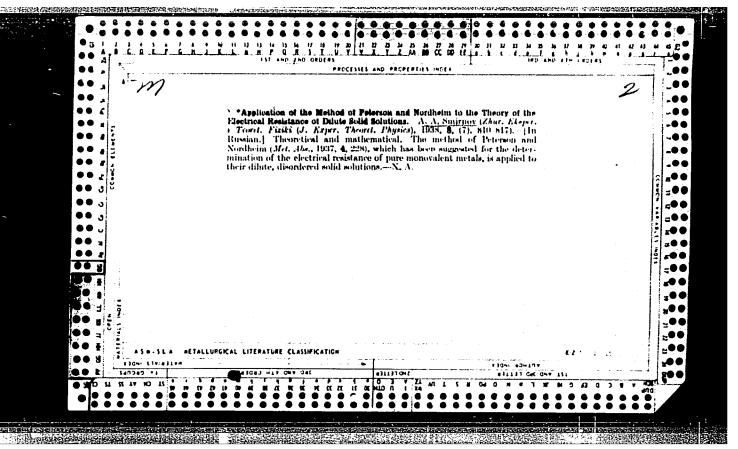


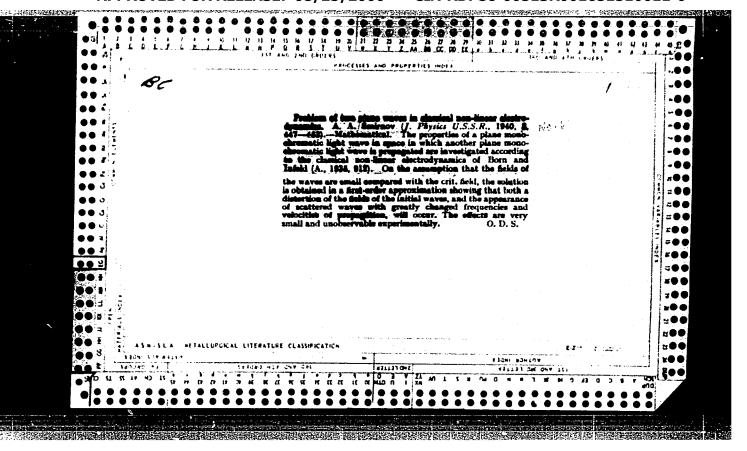


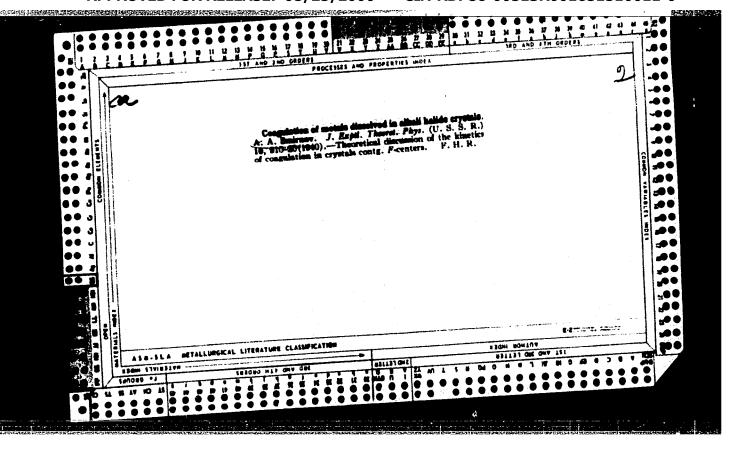


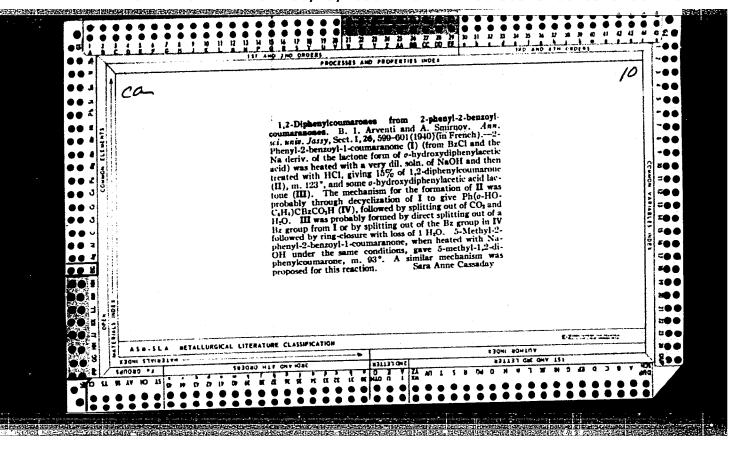


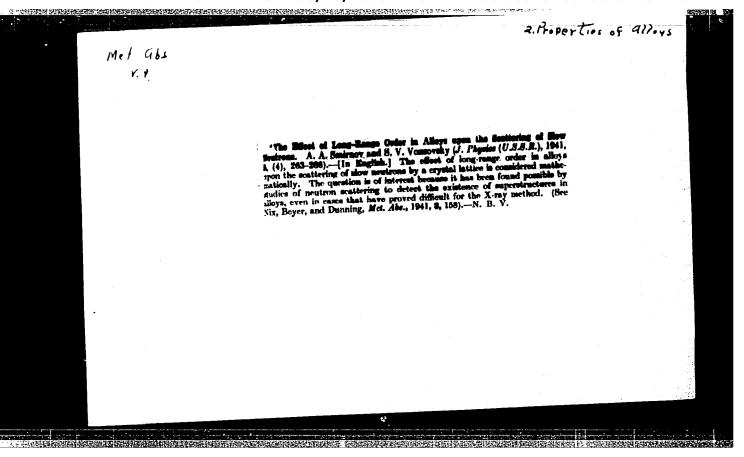


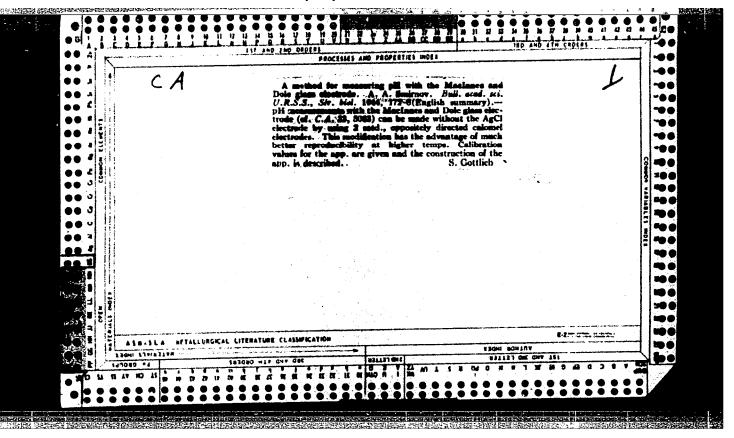


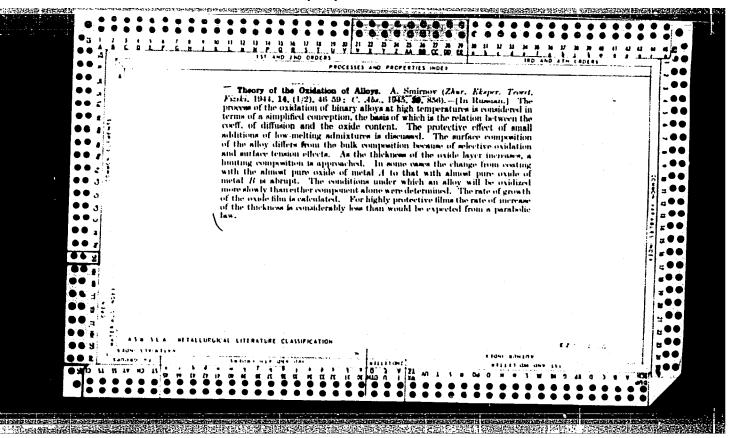


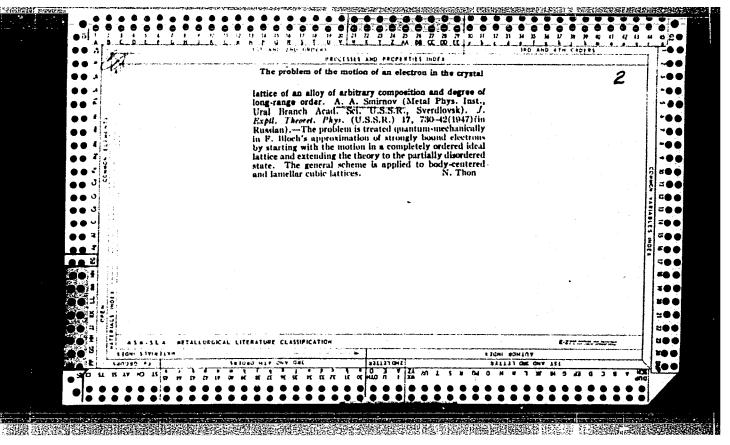




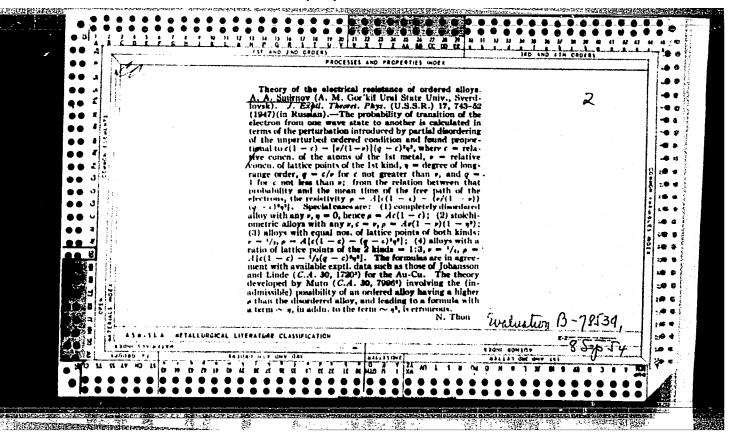








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				etic phenomena in stable alloys.	(Contd)		First discusses the tests which were or establish the theory within the regular metal sample; however, first the author cile himself to the inadequacies, so as carry the factual calculations through the second part of the article the authors	Ber Fizich" Vol XI, No 5	of Electromagnetic Effect in Stable Smirnov, Institute of Physics of M Academy of Sciences of the UEER, 3	Physics Alloys Calvancusgnetic Phenomena	
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USSR/Metals Jan 1947
Alloys - Oxidation Oxidation Oxidation

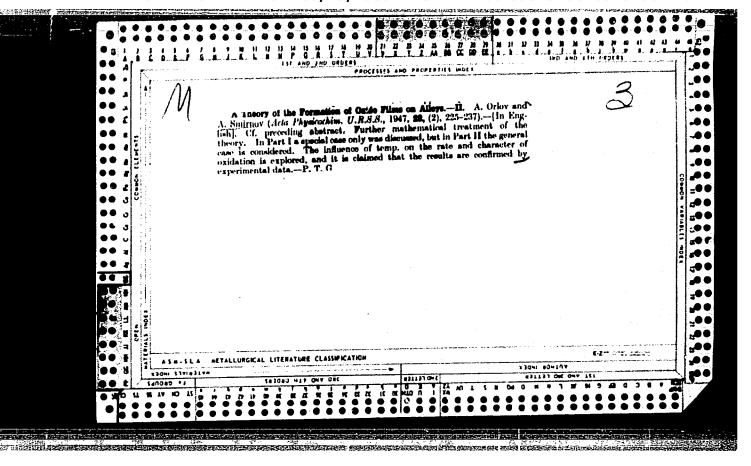
"A Theory of the Oxidation of Alloys, Part I,"
A. Smirnov, Academy of Sciences of the USSR, Ural Branch, Institute of Metal Physics, Ilaboratory of Phase Transitions, Sverdlovsk, 25 pp

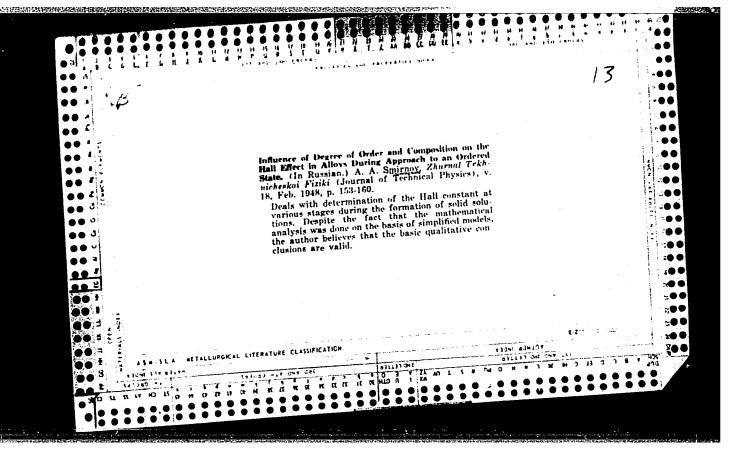
"Acta Physicochimica USSR" Vol XXII, No 1

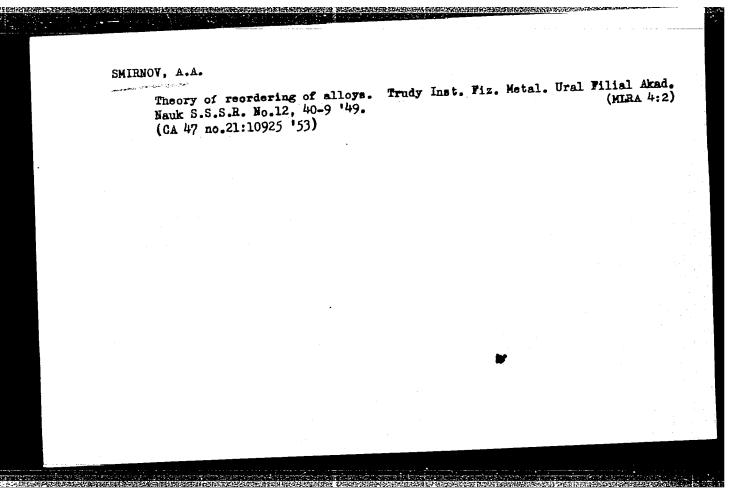
A thorough study is given of the oxidation of binary alloys as a function of metal type, atomic concentration of lattice, oxide-film thickness, etc.

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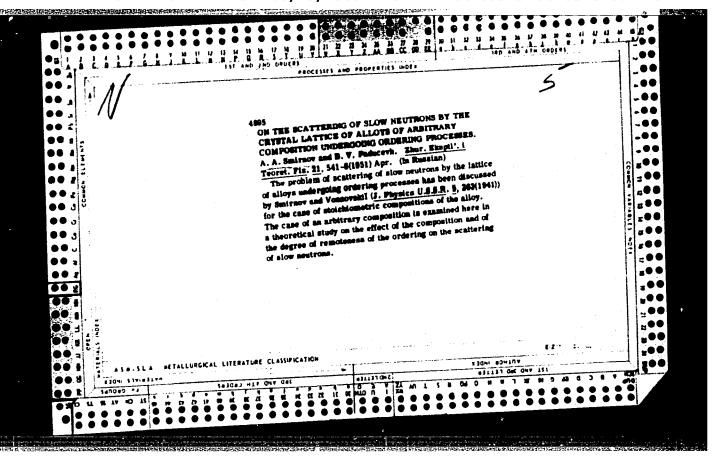
SMIRNOV, A. A.			PA 51/49T41					
SP.IRNUV, A. A.		diffusion of both metals in the oxide de its composition. Considers problem of temperature on speed of oxidation at length. Submitted 17 May 17.	"Theory of Oxide-Film Formation of Crlov, A. A. Smirnov, Inst of Me Affilliate Acad Sci USSR, 10 pp "Zhur Tekh Fiz" Vol XIX, No 5  Further develops theory of high-dation of binary alloys, using me in previous report ("Zhurnal Eksy Teoreticheskiy Fiziki," Vol XIV, Solves problem for case when coef					
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SMIRNOV, A. A.

SMIRNOV, A. A.

Disturbance of regularity in the crystallic lattice of alloys. Dop.AM UESR (MEAA 6:9) no.3:184-193 '51.

1. Akademiya nsuk Ukrayins'koyi ESR (for Kurdyumov). 2. Laboratoriya metalofizyky Akademiyi nsuk Ukrayins'koyi ESR (for Nesterenko and Sayrnov). (Metallography)



\*\*SMIRNOV\*\*, A.A. Singings, and A.-V. Sokolov (Dokkady Akad. Nauk

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- 1. A. K. BURYLENKO, V. M.DANILENKO, YU V. MIL'MAN, YU V. NAYDICH, S. A. RYBAK, A. A. SMIRNOV
- 2. USSR (600)
- 4. Alloys
- 7. Electrical resistance of well-organized alloys. Zhur eksp. i teor. fiz. 23 no. 6. 1952

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

。 1985年,1985年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1

SMIRNOV, A.A., chlen-korrespondent.

Effect of spaces in centers of the crystal lattice of a metal on its electric resistance. Dop.AN URSR no.3:172-177 153. (MLRA 6:6)

1. Kiyivs'kyy ordena Lenina politekhnichnyy instytut. (Lattics theory)
(Metallography) (Metric resistance)

